

## TEST REPORT

No. : GZMR241203833001-1

Date : Jan 03, 2025

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CUSTOMER NAME: WURTH ELECTRONICS(SHENZHEN) CO.,LTD.  
ADDRESS: 1-3ND FLOOR, BIO-TECH MAIN BUILDING, PUZAI RD#22,  
LONGGANG DIST., SHENZHEN, GUANGDONG

Sample Name : Toggle Switch  
Model No : TOTV 472 2xx xxx xxx  
Material No : 472 2xx xxx xxx frame only  
Material : PA66  
Buyer : Würth Elektronik eiSos GmbH & Co. KG  
Manufacturer : Würth Elektronik eiSos GmbH & Co. KG

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

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SGS Ref. No. : SZP24-055349  
Date of Receipt : Dec 17, 2024  
Testing Start Date : Dec 17, 2024  
Testing End Date : Dec 23, 2024  
Test result(s) : For further details, please refer to the following page(s)  
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for  
SGS-CSTC Standards Technical  
Services Co., Ltd. Guangzhou Branch

May Huo  
Authorized signatory



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Measurement Laboratory

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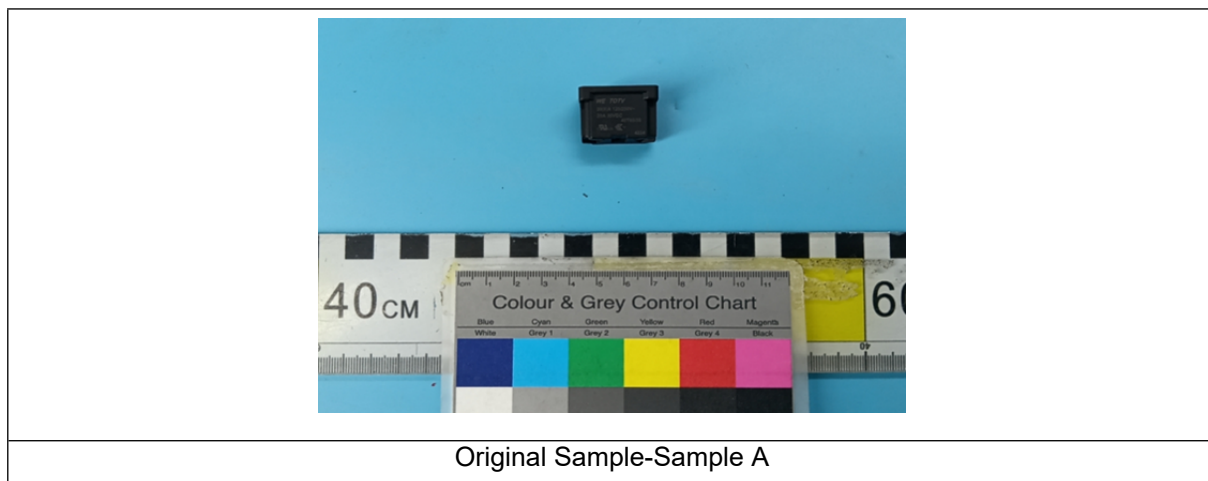
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### Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Glowing-Wire Flammability Test (GWEPT)	IEC 60695-2-11:2021	GWEPT:850	Pass

Note: Pass : Meet the requirements;  
Fail : Does not meet the requirements;  
/ : Not Apply to the judgment.

### Original Sample Photo:



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Test Item: Glowing-Wire Flammability Test (GWEPT)

Sample Description: Plastic part

Test Method: IEC 60695-2-11:2021

Test Condition:

Precondition: (23±2) °C, (50±5) %RH, 24 h

During the time of application of the glow-wire  $t_A$ : 30 s

Lab Environmental: (15~35) °C, (45~75) %RH

Test Result:

Specimen No.	Test Temp. (°C)	$t_E$ (s)	Result evaluation		
			Whether the specimen is ignition	Whether the specimen is totally burned	Whether the specified layer is ignition
1	850	0.0	No	No	No
2	850	0.0	No	No	No
3	850	0.0	No	No	No
4	850	0.0	No	No	No
5	850	0.0	No	No	No
6	850	0.0	No	No	No
7	850	0.0	No	No	No
8	850	0.0	No	No	No
9	850	0.0	No	No	No
10	850	0.0	No	No	No
GWEPT:850					

Client's requirement: GWEPT:850

Conclusion: Pass

Note:

- 1)  $t_E$  - The duration from the beginning of tip application up to the time when all flames extinguish, during or after the period of application.
- 2) The test specimen is considered to have passed the GWEPT test if the following criteria have been met:



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## TEST REPORT

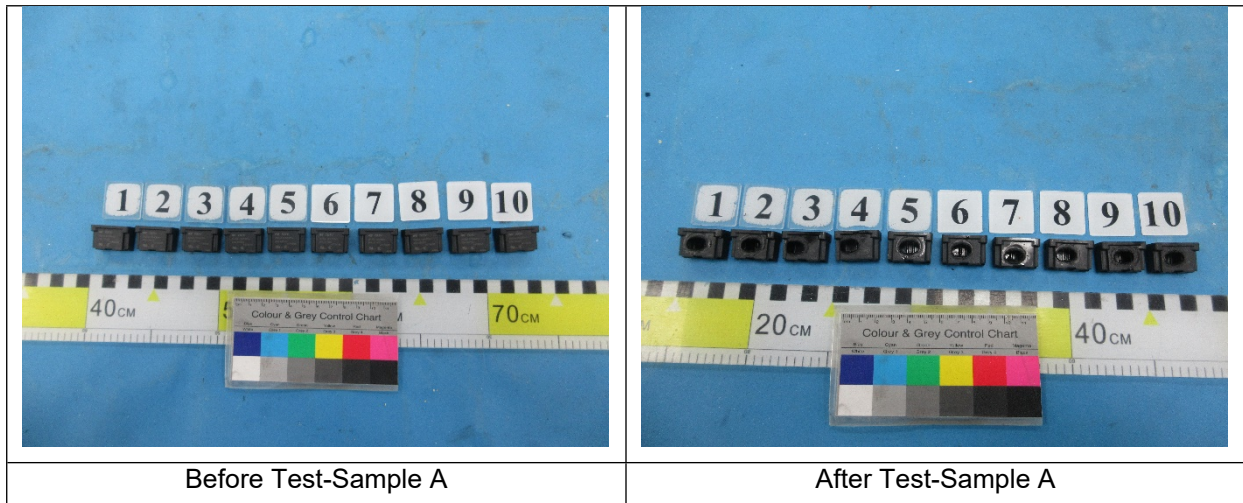
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- a) There is no ignition, or
- b) All of the following situations apply when ignition has occurred:
  - i. If flames or glowing combustion of the test specimen extinguish within 30s after removal of the glow-wire, i.e.  $t_E \leq t_A + 30$  s; and
  - ii. The specified layer placed underneath the test specimen does not ignite.
- 3) The front surface was tested.

Test Photo:



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## Equipment Information:

Equipment	Model	Equipment No.	Calibration date	Next Calibration date
Glow Wire Tester	ZLT—GTR	GZMR-PL-E407	2024-07-11	2025-07-10

## Appendix information:

\*Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $w=0$ ) stated in ILAC-G8:09/2019.

\*This test report supersedes test report No. GZMR241203833001, the original report will be invalid from today.

\*This test report adds CNAS logo.

\*\*\*\*\* End of report\*\*\*\*\*



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